

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application of:

Kouichi MATSUDA et al.

U.S. Patent No.: 5,739,667

Group Art Unit: To be assigned

Issued: April 14, 1998

Examiner: To be assigned

For: CONTROL SYSTEM FOR CHARGING BATTERIES AND ELECTRONIC  
APPARATUS USING SAME

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copies of IDS citations.
- 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
- 1d. ☐ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
- 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.
- 1f. ☐ List of Copending Applications (ATTACHMENT 1(f), hereto).

2. ☒ In accordance with 37 CFR §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:

*(Check appropriate Items 2a, 2b, 2c and/or 2d)*

- 2a. ☐ satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report

from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent & Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68).)

- 2b. ☐ set forth in the application.
- 2c. ☐ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
- 2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: April 12, 2000  
700 Eleventh Street, N.W., Suite 500  
Washington, D.C. 20001  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501

By: Mark J. Henry  
Mark J. Henry  
Registration No. 36,162

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 122.1203-RE	APPLICATION NO.
<b>LIST OF REFERENCES CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Kouichi MATSUDA et al.	
		FILING DATE	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,465,039	11/07/1995	Narita et al.			
	AB	5,541,490	07/30/1996	Sengupta et al.			
	AC	5,561,361	10/01/1996	Sengupta et al.			
	AD	5,629,604	05/13/1997	Sengupta et al.			
	AE	5,698,964	12/16/1997	Kates et al.			
	AF	5,723,970	03/03/1998	Bell			
	AG	5,838,141	11/17/1998	Sengupta et al.			
	AH	5,847,546	12/08/1998	Sengupta et al.			
	AI	5,883,497	05/16/1999	Turnbull			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AJ	6-113477	04/22/1994	Japan				
	AK							
	AL							

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	
	AN	
	AO	

EXAMINER	DATE CONSIDERED
<b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO. 122.1203-RE	APPLICATION NO.
	FIRST NAMED INVENTOR Kouichi MATSUDA et al.	
	FILING DATE	GROUP ART UNIT

Japanese Patent Publication No. 6-113477 (reference AJ) corresponds with U.S. Patent No. 5,465,034 (reference AA)